

Amendment to the Specification:

Please replace paragraph number [0030] that begins on page 7 with the following amended paragraph:

[0030] With reference to FIGURES 2 through 4, the thin and thick slices are selectively displayed on a human viewable display, such as a video monitor 152 or the like, which is also part of the console 150. At any given time, one or more view ports depicting various image representations of the subject 20 may be displayed on one or more of the monitors 152 or other like human viewable displays. Preferably, the view ports are provided with a graphical user interface (GUI) via which an operator and/or radiologist may carry out their review of and/or otherwise manipulate the acquired and/or generated images. Each view port may be on a separate dedicated monitor 152 or in a distinct window or other similarly defined region which shares a monitor 152. In accordance with one embodiment, there are preferably at least three view ports, namely: a first view port (as best seen in FIGURE 32) which depicts the thick slices; a second view port (as best seen in FIGURE 4-3) which depicts the constituent thin slices for the thick slice in the first view port; and a third view port (as best seen in FIGURE 24) which depicts a multi-planar reformatted (MPR) view or image representation of the subject 20 viewed from a direction transverse to the viewing direction of the thick and thin slices. Preferably, e.g., where the thick and thin slices represent axial cross-section views, the MPR view is the corresponding coronal, sagittal or other like transverse view. Optionally, the first view port shows an array of (e.g., four (4)) contiguous thick slices, in which case, the second view port shows the constituent thin slices of the thick slice which is "selected" in the first view port. The thick slice may be selected by the operator or radiologist via the GUI or otherwise. As shown in FIGURE 2, the selected thick slice is designated by a thickened or highlighted border.